

**Scientific Objectives
Achieved at Each Step:**

*Analysis of geometric structures
in 3D of coronal loops, coronal walls,
helmet streamers, and coronal
mass ejections.*

*Interacting loops located
or discounted.*

Line-of-sight effects determined.

3D direction of motion determined.

*Foot points determined by downward
extrapolation.*

*Importance of photospheric features
on heating of coronal loops
established.*

*Nonpotentiality of the magnetic
field determined by comparison
with potential, force-free, and
MHD models.*

*Foot points determined by
downward extrapolation of the
correct magnetic model.*

*Determine the 3D dynamical changes
in the coronal structure.*

*Determine the importance of
flux emergence and reconnection
on CMEs.*

*Assess the importance of
dynamical change and
configuration on coronal
heating.*

*Models for density and
temperature of coronal
loops.*

